About Tornadoes.

Two opposite and contradictory theories exist respecting the violent commotions in the atmosphere, which are known to us by the name of tornadoes. One of these theories—which corresponds to the popular belief that waterspouts pump up water from the sea—attributes their cause to vast currents of heated air rushing upward from the ground toward the clouds. The other theory assigns the cause of tornadoes to aerial whirlpools and eddies which, originating in the upper regions of the atmosphere, stretch downward till they reach the soil. The first theory is supported in America by the authority of Franklin and other great names; the second is the one which M. Faye maintains to be the true explanation of the phenomena, and which, we may say, he has fully proved. First, let us take the doctrine of "aspiration" by tornadoes, or of their sucking or drawing upward things lying on the ground. This theory supposes a lower strata of warm, moist air to be rising in the atmosphere. While so mounting it expands, cools, and abandons part of its moisture, which takes the form of a cloud. It then again becomes warmer, in consequence of the heat disengaged by the condensation of its vapor. Being therefore lighter than the surrounding medium it will continue to mount. On reaching a higher region where the air is rarer it will again dilute and afterward cool, thereby giving up another portion of its moisture: and so on, until the process is repeated as far as the limits of the atmosphere. According to Mr. Epsy, the inventor of this theory, the ascending column of air would cause a sucking or draft at its foot, much as happens in a chimney at the base of which a fire is always burning. But here we fail to discover any reason either why the ascending column of air should move onward in one direction or another, or why the said column of air should rapidly revolve or spin from right to left. Nevertheless, these are two essential characteristics of tornadoes.—Ex.

What Strong Drinks Can Do.

Strong drink is strong to hurt you, to make you sick and to kill you. It can give you no strength, for there is no food in it. The food is all gone. If you want food you should eat grain, not sprout it as they do when they make strong drink.

The ox and the horse eat grain, and it makes them strong. They drink water, and that makes them lively. But strong drink is only to hurt, and harm and kill. If you take a little it will hurt yon a little. If you take more, it will hurt worse. It will harm your mouth, and throat and stomach. It will poison your blood. It will weaken your heart. It will hurt your nerves and make you tremble. It will dull your brain. It will give you sore eyes and a red nose. It will make your head ache. It will not help you to eat, nor drink, nor sleep, nor rest. It tells you it will do all these good things for you, but it tells you lies. You will find that out when your cash is gone, your time lost, your health ruined; when your friends leave you, and you cannot take care of yourself.

The Danish temperance movement has now an army of 36,000 total abstainers.

The endowments of the Established church of England, yield an annual income of $8,000,000, or about $40,000,000.

The liquor traffic seizes the machinery, the enginery of legislation, and by it creates a moral phenomenon of perpetual motion which nature denies to physics; for it licenses and empowers itself to beget in endless rounds, the wrongs, vices and crimes, which society is organized to prevent. And worst of all for our country, it encoils parties like the serpents of Laocoon, and crushes in its folds the spirit of patriotism and virtue.—Judge Noah Davis.

Billiousness.

We have tested its virtues, personally, and know that for Dyspepsia, Billiousness and Throbbing Headache, it it is the best medicine the world ever saw. We tried forty other remedies before Simmons Liver Regulator, but none of them gave us more than temporary relief; the Regulator not only relieved but cured us.—H. H. Jones, Ed. Telegraph and Messenger, Macon, Ga.

MT. UNION COLLEGE.

Fall term of Mr. Union College, Mt. Union, O., commences August 33rd. Send for catalogue.

SECOND ANNUAL EXCURSION TO PITTSBURGH.

On Saturday, Aug. 20th, 1887, the B. & O. R. R., will run their Second Annual Excursion to Pittsburgh. Trains will leave Mansfield at 11:38 p. m., 10:15 a. m., 2:56 a. m. Fare for the round trip $2.50.

Tickets will be good returning Aug. 25th, inclusive. Through solid trains to Pittsburg, passing through Zanesville, Wheeling, and through the great Oil and gas Fields of Washington Co., Pa.

Sleeping cars on all through trains.

For sleeping car accommodations, call upon or address any Agent of the B. & O. R. R.

Take advantage of the low rates, and visit the Great Iron City.

A Card.

All my ancestors, on father's and mother's side, for more than a hundred years, were members of the German Baptist church.

I became a member at the age of seventeen, and so far as known, I am yet a member. This imformation is desired by some of my local agents who have heard of unkind reports put into circulation by peddlers.

I have no peddler-wagon on the road and employ no traveling salesmen. My only method of communication with the public is through printer's ink, and it would place me under great inconveniences were this privilege denied me.

My reason for working amongst the Brethren have been given heretofore; but one, for prudential reason, has been withheld: you know for the last ten or fifteen years nearly all trades and professions have been under the ban of trades, unions and professional associations. To go into detail, would fill a volume, while a hint here will suffice to show that by utilizing my large acquaintance amongst the brethren, I could continue to stand aloof from all secret societies.

I have always exercised much caution in every department of my business; not only in the compounding of my medicines, but have carefully avoided even the appearance of infringing on the rights of others and my local agents may congratulate themselves that they are working with one whose rights are fully protected, and whose methods are correct.

In future my advertising will be less extensive, but I shall continue to manufacture the **Dr. Peter's Remedies** as heretofore. Feeling thankful for past favors, I ask for a continuance of your good-will and friendship. My place of business is 393 Ogden Ave., but I prefer to have my letters come addressed as follows:

DR. PETER FAHRNEY,
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P. S.—Hall's Catarrh Cure is taken internally, acting directly upon the blood and mucus surfaces of the system. Price 75 cts. per bottle. Sold by all Druggists.

CATARRH CURE.

FAIR RATES. B. & O. EXCURSIONS.

Excursion Rates to Fairs and Reunions on the B. & O. Railroads.

Reunion of the Society of the Army of West Virginia, at Wheeling, W. Va., Aug. 23, 24, 25 and 26. Rate, one fare for the round trip from Zanesville and all intermediate stations.

Ohio State Fair, at Columbus, Aug. 29, 30 and 31, and Sept. 1 and 2. Rate, one fare for the round trip from all points in Ohio.

West Virginia State Fair, at Wheeling, Sept. 5, 6, 7, 8 and 9. Rate, one fare for the round trip from Zanesville and intermediate stations.

RAILROAD.
(New York, Lake Erie & Western R. R. Co., Lessee
Railroad Time Table.
New York, Pennsylvania & Ohio
ADOPTED MAY 22nd, 1887.

Trains are run on Central or 90th Meridian Time, which is 28 minutes slower than Columbus time, the standard formerly in use by this road.

TIME OF TRAINS AT ASHLAND.

EAST.

Train 2,	Passenger	8:12	P. M
" 4,	St. Louis Limited	2:05	P. M
" 8,	New York Express	1:31	A. M
" 12,	Atlantic "	6:41	A. M
" 38,	Local Freight	10:24	A. M

WEST.

Train 1,	Chicago & Cin. Ex.	5:42	A. M
" 3,	Pacific Express	9:12	P. M
" 5,	Chicago, St Louis Limited	12:04	P. M
" 7,	Accommodation	6:00	P. M
" 11,	"	10:24	A. M
" 37,	Local Freight	2:45	P. M

Trains 2, 7, 11, 37 and 38 do not run on Sunday.

Lake Chautauqua,
—THE—
Popular Summer Resort.
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HIGHEST NAVIGABLE BODY OF WATER ON THE CONTINENT.

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Climate, Pure and Invigorating.

The Lake is 20 miles long and from one to three miles wide. Lakewood, Fluvanna, Griffith's Point, Bemus Point, Bay View, Ravenwood, Martha's Vineyard, Chautauqua, Point Chautauqua, Long Point, Maple Springs and Wooglin are among the different resorts on the Lake, patronized by summer visitors. There are good hotels at every point.

The Famous Chautauqua Assembly

Has its headquarters at Chautauqua Lake, and convenes in July and August of every year. One of the most popular resorts on the Lake is

LAKEWOOD.

Here all passenger trains of the New York Pennsylvania and Ohio Railroad stop during the season, it being the Chautauqua Lake Station, and the distributing point for the entire lake. There are two hotels at Lakewood, both of immense size and capable of accommodating five hundred guests each. Numerous steamers are constantly plying the Lake transporting visitors to all points those in search of a pleasant resort to spend the summer months cannot find a more convenient or delightful place than Lake Chautauqua.

Excursion Tickets

Via New York, Pennsylvania and Ohio Railroad are on sale at all local stations and at stations of connecting lines from June 1st, good for return until October 31st.

J. R. SHALER, General Superintendent, Cleveland, O.
L. P. FARMER, G. P. A., New York City.
A. E. CLARK, Assistant General Passenger Agent, Cleveland, O.

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BRETHREN PUB. HOUSE.

ASHLAND COLLEGE
—AND—
Normal School

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Catalogue!

Ashland, Ohio.

Calendar.

First Fall Term begins Tuesday, Aug. 30, 1887.
Second Fall Term begins Tuesday, Nov. 5, 1887.
Winter Term begins Tuesday, Jan. 17, 1888.
Spring Term begins Tuesday, March 28, 1888.

Normal Work.

Students who are preparing to teach can find no place more favorable to their advancement than Ashland College, as normal work is given special attention. Gentlemen and ladies are admitted on equal footing, and those who wish to prepare themselves to teach will find Ashland College an excellent school, and the expense the very lowest.

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The business department is so arranged that students can find accommodations whether they want a long course, or a short course. A ten weeks' course has been arranged for the accommodation of such as desire it. Every young man and young woman should have some knowledge of Bookkeeping, and in this ten weeks' course they can obtain it and it may save them many dollars, dissatisfaction and trouble in life. The entire cost is only 35.00, including every necessary expense.

The cost of Tuition, Room Rent and Board have been reduced to the lowest prices, and any student may feel assured that at Ashland College he will receive full value or all the money that is paid.

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Commencing July 1st, 1887. The new Lake Eria and Western R. R. Lessee New York Penn., and Ohio R. R., will place on sale thousand mile tickets good one year from date of issue at rate of $20.00. These tickets will be accepted for passage not only on all divivsions of the N. Y. P. and O. R. R., but also over the entire "Erie" system in like manner mileage tickets issued by the Erie will be accepted over the N. Y. P. and O. R. R. Their use will not be confirmed to one person only, but when issued to the head of a family will be good for any member there of or for the entire family traveling together and when issued to business houses or firms. They can be used by any one member or representative thereof traveling at their expense, but only one person at a time. All mileage books purchased previous to July 1st, will be also accepted for passage over the entire Erie system.

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